

## CLAIMS

- 1 1. A lacrosse stick comprising:
  - 2 a. a head portion comprising a head frame for receiving a mesh thereon, at least a  
3 distal end of the head frame being flexible; and
  - 4 b. a rigid, elongated stem portion extending from a proximal end of the head frame,  
5 the stem and head frame sharing at least a common continuous exterior material  
6 so as to define a unitary structure.
- 1 2. The lacrosse stick of claim 1, wherein the head frame and stem are mechanically joined,  
2 the stick comprising a continuous sheath covering the head frame and stem so as to define a  
3 unitary external structure.
- 1 3. The lacrosse stick of claim 2, wherein the sheath comprises a polymer.
- 1 4. The lacrosse stick of claim 2, wherein the sheath comprises a composite material.
- 1 5. The lacrosse stick of claim 1, wherein the head frame and stem are integrally continuous  
2 portions of a single mechanical structure.
- 1 6. The lacrosse stick of claim 5, wherein the head frame and stem are integrally fabricated  
2 by injection molding.
- 1 7. The lacrosse stick of claim 1, wherein the head frame contains a progressively reduced  
2 amount of reinforcing material.
- 1 8. The lacrosse stick of claim 6, wherein a combination of materials injected to form the  
2 stem provide greater rigidity than materials injected to form the head frame.
- 1 9. The lacrosse stick of claim 1, wherein the stem is formed around a tubular metal mandrel.
- 1 10. The lacrosse stick of claim 2, wherein the stem is fabricated from aluminum, a light  
2 weight metal, wood, or a composite material.
- 1 11. The lacrosse stick of claim 2, wherein at least a portion of the head frame is fabricated  
2 from a flexible plastic.
- 1 12. The lacrosse stick of claim 1, wherein the entire head frame has greater flexibility than at  
2 least a portion of the stem.
- 1 13. The lacrosse stick of claim 1, wherein the distal end of the head frame is angled such that  
2 an upper rim of the head frame protrudes distally of a lower rim of the head frame.
- 1 14. The lacrosse stick of claim 1, wherein the stem and head frame comprise composite  
2 materials.

- 1 15. The lacrosse stick of claim 14, wherein the composite materials comprise glass, polymer,  
2 arimides, carbon, boron, or ceramics.